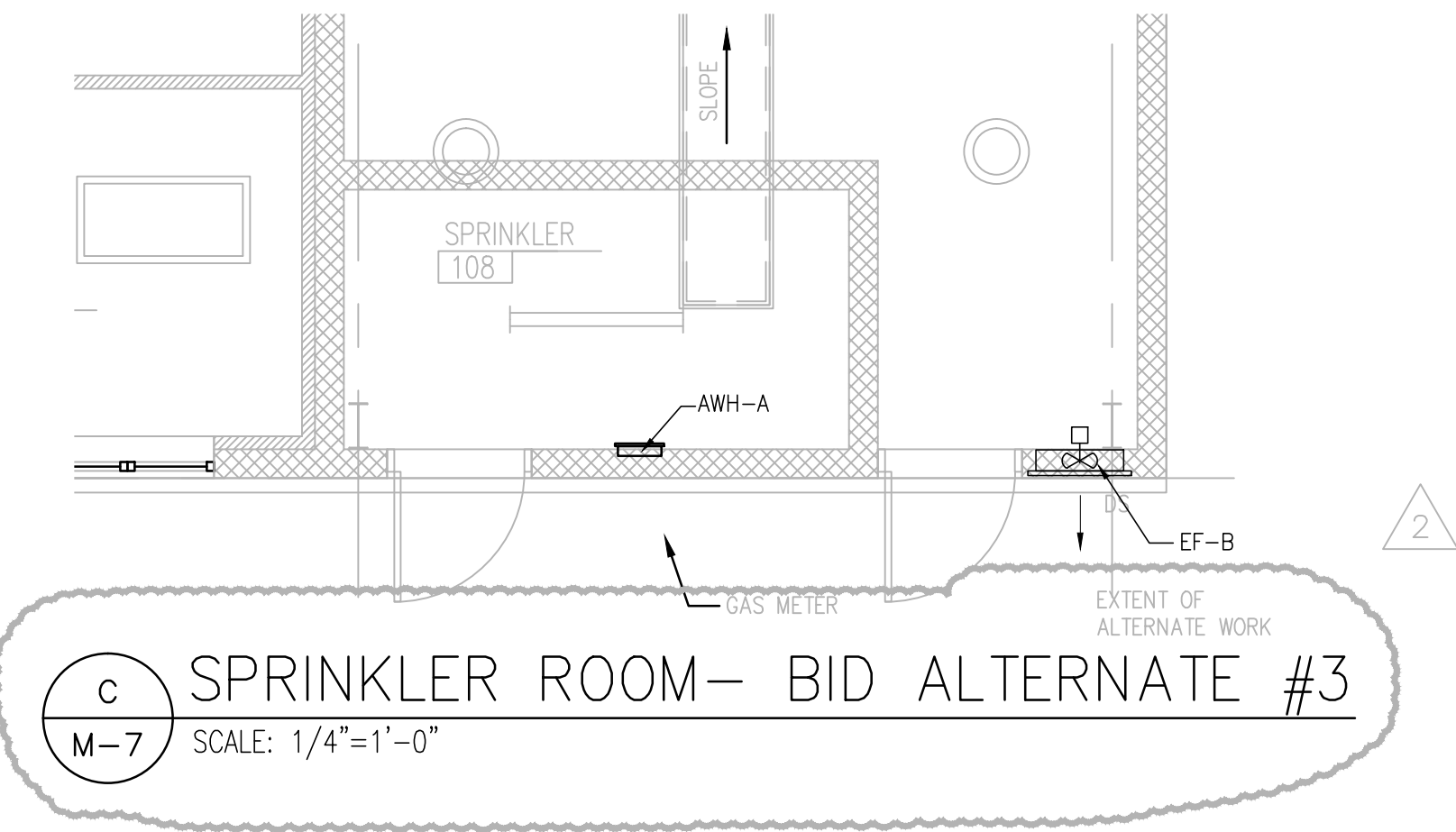


A MAINTENANCE BUILDING FLOOR PLAN—BID ALTERNATE #1
M-7 SCALE: 1/4"=1'-0"

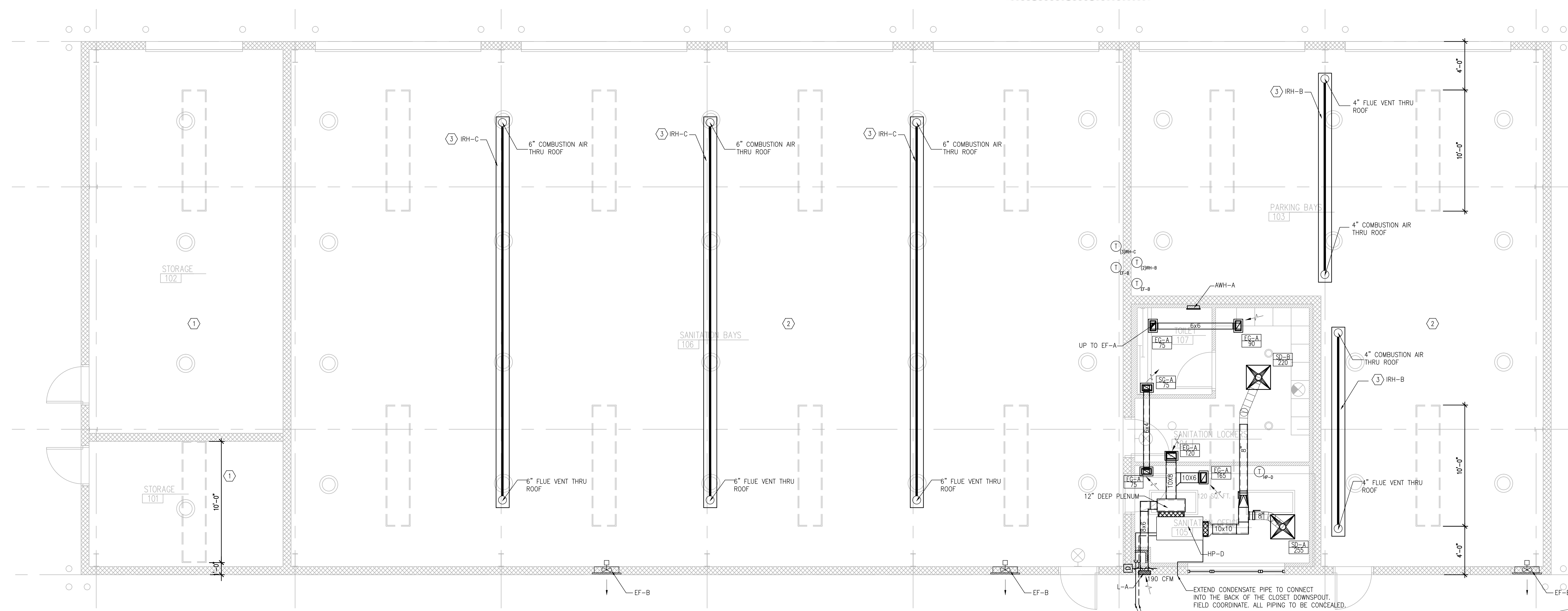
GENERAL NOTES:
1. NO NEW MECHANICAL WORKS INCLUDED FOR BASE BID.

- KEY NOTES:
- SANITATION STORAGE 102 AND RECYCLING 101 IS DESIGNED FOR NATURAL VENTILATION. PER IMC 2006, THE MINIMUM OPENABLE AREA TO THE OUTDOORS EXCEEDS 4% OF THE FLOOR AREA BEING VENTILATED. THESE SPACE ARE UNHEATED BUT RECEIVE SOME HEAT FROM RERADIATION OF CONCRETE SLAB HEATER BY IRH-C.
 - SANITATION BAYS 106 AND PARKING BAYS 103 IS DESIGNED FOR NATURAL VENTILATION. PER IMC 2006, THE MINIMUM OPENABLE AREA TO THE OUTDOORS EXCEEDS 4% OF THE FLOOR AREA BEING VENTILATED. PROPELLER FANS ARE ALSO AVAILABLE.
 - GAS FIRED INFRARED HEATERS SHALL BE HUNG BELOW THE LIGHTING FIXTURES AND AT LEAST 14" ABOVE GROUND. THE MINIMUM CLEARANCE BETWEEN LIGHTING FIXTURES AND HEATERS SHALL BE 6".
 - RETURN AIR TO PLENUM THROUGH LIGHTING FIXTURES.
 - OPEN END DUCT IN PLENUM AREA.
 - 12"x12" OPEN ENDED RELIEF AIR DUCT WITH COUNTER-BALANCED BAROMETRIC RELIEF DAMPER, INITIALLY SET TO OPEN AT 0.05" OF PRESSURE. PROVIDE 0.5" BIRDSCREEN ON OPEN END OF DUCT. DUCT SHALL TERMINATE IN LOUVERED PENTHOUSE ON ROOF. SEE ROOF PLAN FOR CONTINUATION AND SCHEDULES FOR LOUVERED PENTHOUSE SPECIFICATION.
 - CONDENSATE TO DRAIN TO HUB DRAIN LOCATED ON FLOOR. REFER TO PLUMBING DRAWINGS FOR CONDENSATE REMOVAL PIPING SYSTEM.
 - ERV-A SHALL BE INTERLOCKED WITH HP-G.
 - SUPPLY/RETURN DUCTS UP TO UNIT CONNECTION AT FULL SIZE OF UNIT CONNECTION.

MAINTENANCE/SANITATION BUILDING						
Space	Outside	Supply	Return	Exhaust	Transfer	Notes
storage 101	600			600		
storage 101	600			600		
mechanic locker 104		275	185		-75	
mechanic office 105		375	205	150		door undercut transfer from mechanic locker 104
toilet 103				75	75	
sanitation locker 104		220	120	90		
sanitation office 105		255	165		-75	
toilet 107				75	75	door undercut transfer from sanitation office 105
MAINTENANCE/SANITATION BUILDING 0						



C SPRINKLER ROOM— BID ALTERNATE #3
M-7 SCALE: 1/4"=1'-0"



B SANITATION BUILDING FLOOR PLAN— BASE BID
M-7 SCALE: 1/4"=1'-0"

GENERAL NOTES:
1. EXHAUST FAN T-STATS ARE COOLING ONLY WITH AN H.O.A. SUBBASE.
2. DESIGN OF EF-B FANS ASSUMES DOORS REMAIN OPEN DURING THE SUMMER.

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Revisions		
#	Date	PERMIT/BID SET
1	02/17/10	PERMIT/BID SET
2	04/22/10	ADDENDUM #4



Client:
CITY OF TAKOMA PARK

Location:
TAKOMA PARK, MD

Project:
CITY OF TAKOMA PARK
PUBLIC WORKS FACILITY

MECHANICAL FLOOR PLAN
SANITATION
BLDG. &
PART. MAINTENANCE BLDG

Drawn by
PC

Project No.
09028.00

WAI Project NO.
09020

Date
01/25/10

Professional Certification
I certify that these documents were prepared or approved by me, and that I am a duly licensed engineer under the laws of the State of Maryland.
License number: 17386 expiration date: May 29, 2011

M-7